

\$720,000; Functional Testing: \$120,000; On-site Testing Support; \$480,000. This request is consistent with the intended and authorized purpose of the Department of Defense, Research, Development, Test and Evaluation, Navy account. The funding will be used to allow the electrical output of a new design generator with advanced shipboard architectures. Given that this request will be providing support to a federal agency, matching funds for this request is not required.

#### EARMARK DECLARATION

### HON. CHARLES W. DENT

OF PENNSYLVANIA

IN THE HOUSE OF REPRESENTATIVES

*Thursday, May 22, 2008*

Mr. DENT. Madam Speaker, I submit the following:

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 5658, National Defense Authorization Act for Fiscal Year 2009.

Account: Operation and Maintenance, Army. Legal Name of Requesting Entity: ProModel Corporation.

Address of Requesting Entity: 7540 Windsor Drive, Allentown, PA 18195.

Description of Request: \$2,000,000 is included to accelerate the deployment and enhance the current capabilities of the ProModel *Army Force Generation Synchronization Tool* (AST). This technology enables the Army to capture the Army Force Generation Model (ARFORGEN) process in software, providing decision makers the ability to rapidly create Courses of Action and predict the impact of their decisions on key metrics such as Dwell and Boots on Ground. The ability through automation to run "what ifs" to assess risk on readiness is recognized as a key priority for the Army and Joint Forces.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 5658, National Defense Authorization Act for Fiscal Year 2009.

Account: Research, Development, Test and Evaluation (RDTE), Army.

Legal Name of Requesting Entity: Neuromonics, Inc.

Address of Requesting Entity: 2810 Emrick Boulevard, Bethlehem, PA 18020.

Description of Request: \$3,700,000 is included to support the Chronic Tinnitus Treatment Program—a breakthrough tinnitus treatment device (patented, FDA-cleared, and non-military clinically-tested) and program that is designed to interact, interrupt, and desensitize tinnitus disturbance for long-term benefit, especially in those suffering with chronic and severe tinnitus. The treatment program combines the use of acoustic stimulation with a structured program of counseling. The Army reports that tinnitus is among the top medical complaints of soldiers returning from OIF/OEF, particularly given the high incidence of Traumatic Brain Injury/mild Traumatic Brain Injury (TBI/mTBI). Until recently, no effective treatment program has existed to help individuals suffering with the effects of tinnitus. This funding will allow military researchers to implement the chronic tinnitus treatment program and develop important baseline data to determine the effectiveness, usefulness, and long-term benefit of the program for military servicemembers suffering with tinnitus.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 5658, National Defense Authorization Act for Fiscal Year 2009.

Account: Research, Development, Test and Evaluation (RDTE), Air Force.

Legal Name of Requesting Entity: Morgan Advanced Ceramics, Inc.—Diamonex Products Division.

Address of Requesting Entity: 7331 William Avenue, Allentown, PA 18106.

Description of Request: \$1,000,000 is included to develop High Temperature, High Energy-Density Capacitors by Stacked or Multilayer CVD Processes which will scale up capacitor manufacturing capability. Capacitors are a pervasive technology in military and commercial applications. Millions are currently used in military systems and often fail due to increasing environmental temperatures and low reliability. Improved capacitor performance and smaller size have been the focus of research in diamond-like carbon (DLC) dielectrics by the Air Force Research Laboratory (AFRL). Morgan Advanced Ceramics has developed and tested proprietary dielectric, thin film coatings that have demonstrated the required dielectric properties. The technology utilizes semiconductor processing to produce multilayer capacitors that are 4 to 10 times smaller and lighter than the polymer-based capacitors currently in use by the military.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 5658, National Defense Authorization Act for Fiscal Year 2009.

Account: Research, Development, Test and Evaluation (RDTE), Army.

Legal Name of Requesting Entity: Edmund Optics, Inc.

Address of Requesting Entity: 601 Montgomery Avenue, Pennsburg, PA 18073.

Description of Request: \$2,900,000 is included to advance Precision Molding Manufacturing Technology for InfraRed Aspheric Optics. Infrared imaging technology is integrated in missile guidance, airborne reconnaissance, and situation awareness for soldiers, police, and firefighters. It presents the only viable solution for sight in total darkness, dense fog and smoke. This technology enables the armed forces to detect and identify threats, then engage and defeat the enemy at a safe distance. Production techniques for aspheric optics have limitations, as current solutions are either low-cost or high-performance but not both. Similarly, aspheres in thermal applications are produced using expensive machining techniques and costly raw materials. Molding, an alternative production technique, is the only feasible means to generate cost-effective precision infrared aspheric lenses. It is critical to shift infrared optics production from expensive machining to cost-effective precision molding.

#### EARMARK DECLARATION

### HON. JOHN SHIMKUS

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

*Thursday, May 22, 2008*

Mr. SHIMKUS. Madam Speaker, I submit the following:

Requesting Member: Rep. JOHN M. SHIMKUS (IL-19).

Bill Number: HR 5658.

Account: US Air Force Unfunded Requirements List C-40D Procurement Line 58.

Legal Name of Requesting Entity: US Air Force, 932nd Airlift Wing.

Address of Requesting Entity: Scott Air Force Base, IL 62225.

Description of Request: The \$88 million is included in the bill to procure new C40D aircraft stationed at Scott AFB, Illinois. This new aircraft will allow US Air Force to be able to support cargo, passenger, humanitarian, Homeland Defense, and emergency relief requirements of the 932nd Airlift Wing.

Matching funds: This is a full federally funded project for the US Air Force.

#### EARMARK DECLARATION

### HON. K. MICHAEL CONAWAY

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

*Thursday, May 22, 2008*

Mr. CONAWAY. Madam Speaker, consistent with the Republican Leadership's policy on earmarks, I submit this statement for the CONGRESSIONAL RECORD.

Requesting Member: Congressman K. MICHAEL CONAWAY.

Bill Number: H.R. 5658.

Account: Army, RDT&E.

Legal Name of Requesting Entity: Texas Tech University.

Address of Requesting Entity: 19th and University, Lubbock, Texas 79409.

Description of Request: Provide \$4,000,000 to Texas Tech University to research the use of Compact Pulsed Power as a scientific base for integrating electrical weapons systems onto all-electric combat vehicles. Compact Pulsed Power is the use of targeted electromagnetic radiation to disable electronic devices such as cell phones. Initial research indicates that compact pulsed power technology could be beneficial to the Department of Defense by being able to disable Improvised Explosive Devices used in Iraq and Afghanistan. Texas Tech has developed the technology but needs to field test it in order to deploy it with troops on the ground. An existing lightly armored vehicle such as a HMMWV will be modified to an all-electric platform with an integrated fuel cell and auxiliary battery pack. Two or three types of electric weapon systems (high power microwave (HPM) generator, hypervelocity rail gun, and/or high power laser) will be integrated into the platform. Individually each of these systems is quite complex and the combination of any two of these systems will increase the integration problem exponentially. The information gained from this research could be significant in furthering the nation's defense capabilities.

Requesting Member: Congressman K. MICHAEL CONAWAY.

Bill Number: H.R. 5658.

Account: Army, RDT&E.

Legal Name of Requesting Entity: Zebra Imaging.

Address of Requesting Entity: 9801 Metric Blvd., Suite 200, Austin, Texas 78758.

Description of Request: Provide \$2,800,000 in funding to complete the final phase of a three-year development program to provide a field-deployable version of the Enhanced Holographic Imager (EHI) system. The holographic

imager system is used to produce 3-D imagery for the Army's tactical battlefield visualization program, and has proven to be an extremely useful capability for deployed Army and U.S. Special Operations Command warfighters. Over 1700 holographic images were provided to soldiers in theater in 2007. The deployable EHI will produce holograms three times faster than the current system (improving responsiveness to the war fighter) and is transportable allowing the imager to be located closer to the tactical users.

Requesting Member: Congressman K. MICHAEL CONAWAY.

Bill Number: H.R. 5658.

Account: Army, Other Procurement.

Legal Name of Requesting Entity: Texas Army National Guard.

Address of Requesting Entity: Camp Mabry, Austin, Texas 78763-5218.

Description of Request: Provide the Texas National Guard \$1,000,000 for the procurement of 700 Megahertz APCO-25 standard two-way radios for operational and tactical interagency interoperability in their disaster response task force. This project allows the Texas National Guard forces to utilize 700 and 800 MHz trunked radio systems being linked across Texas as established in the State Communications Interoperability Plan. It further fully enables interagency interoperability to coordinate and synchronize interagency efforts to maintain unity of effort.

Requesting Member: Congressman K. MICHAEL CONAWAY.

Bill Number: H.R. 5658.

Account: Army, Other Procurement.

Legal Name of Requesting Entity: Texas Army National Guard.

Address of Requesting Entity: Camp Mabry, Austin, Texas 78763-5218.

Description of Request: Provide \$3,000,000 to the Texas Military Forces (TXMF) for eight Joint Incident Scene Communication Capability (JISCC) packages required for disaster response. This equipment enables the Texas National Guard Joint Inter-Agency Task Force (JIATF) to command and control its interagency structure in and out of Texas in support of other states under the Emergency Management Assistance Compact. It supports the various disaster command posts including the Joint Interagency Task Force headquarters, each subordinate task force command post, local incident command posts, Emergency Operations Centers, and other multi-agency coordination centers. The JISCC system also uses Department of Defense satellites eliminating the persistent shortage of funds to pay for commercial satellite service. Ten JISCC packages have been authorized in previous years, but currently, the Texas National Guard has two on-hand.

Requesting Member: Congressman K. MICHAEL CONAWAY.

Bill Number: H.R. 5658.

Account: Defense-wide, RDT&E.

Legal Name of Requesting Entity: Applied Research Associates.

Address of Requesting Entity: 1848 Lockhill-Selma Rd., Suite 102, San Antonio, Texas 78213.

Description of Request: Provide \$3,000,000 to develop a blast-on-vehicle test device for use in evaluating survivability-based military vehicle designs. This program will provide a cost-effective and time-efficient alternative to full-scale live-fire testing. It will provide a test

capability in support of the Joint Light Tactical Vehicle (JLTV) program and future military vehicle development programs.

With the introduction of survivability-based design criteria in light tactical vehicles, the test and evaluation requirements of new vehicle designs are more extensive. Therefore, the objective of this program is to design a test structure analogous to the civilian automotive safety community's Heidelberg sled tests. Whereas the Heidelberg sled tests simulate the loading conditions of a vehicle crash, the blast-on-vehicle test device will simulate the loading conditions of road-side or undercarriage explosion.

Requesting Member: Congressman K. MICHAEL CONAWAY.

Bill Number: H.R. 5658.

Account: Navy, RDT&E.

Legal Name of Requesting Entity: Angelo State University.

Address of Requesting Entity: 2601 W. Avenue N., San Angelo, Texas 76909.

Description of Request: Provide \$1,000,000 for Angelo State University and Texas State University Systems' Center for Hetero-Functional Materials (CHM). CHM will help meet the need within the Department of Defense for the development of new materials to create "single-chip-devices" as conventional semiconductor manufacturing technology is reaching its maturity and its rate of innovation has saturated. These new devices require many types of built-in hetero-functionality, simply not available or achievable using conventional semiconductor/materials technology. The CHM provides the infrastructure and resources required for research and development of new materials and processes that will be required for the fabrication of next generation devices. These hetero-functional materials and structures will allow devices to be built on a single chip, thereby reducing costs and size while enabling more versatility than is currently achievable. The Office of Naval Research (ONR) deemed the CHM as critical to developing next generation devices for the military. CHM received support and funding in Fiscal Year 2008.

#### HONORING CONGRESSIONAL CERTIFICATE OF MERIT RECIPIENT NICHOLAS JAMES SHELburnE

#### HON. JOHN R. CARTER

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Thursday, May 22, 2008

Mr. CARTER. Madam Speaker, I would like to take this opportunity to recognize the successes and achievements of Nicholas Shelburne, who has received the Congressional Certificate of Merit award at Belton High School in Belton, Texas. Nicholas has shown exceptional leadership qualities through his involvement in numerous activities which makes him a great candidate for this award.

Integrity and energy for leading in a positive direction are trademarks of Nicholas. A natural leader, he is the ultimate role model for others and he excels in everything that he is involved in. Nicholas' work ethic and diligence set him apart from others.

I congratulate Nicholas Shelburne for his achievements in school and in his community and am proud to represent such talented and dedicated people in the 31st District of Texas.

#### PERSONAL EXPLANATION

#### HON. MARK UDALL

OF COLORADO

IN THE HOUSE OF REPRESENTATIVES

Thursday, May 22, 2008

Mr. UDALL of Colorado. Madam Speaker, for the information of our colleagues and my constituents, I want the RECORD to reflect how I would have voted on the following votes I missed this session.

On rollcall 134, to pass S. 2733, to temporarily extend the programs under the Higher Education Act of 1965, I would have voted "yes."

On rollcall 154, on ordering the previous question on H. Res. 1605, providing for the consideration of H.R. 5501, the Tom Lantos and Henry J. Hyde United States Global Leadership Against HIV/AIDS, Tuberculosis, and Malaria Reauthorization Act, I would have voted "no."

I would have done so because defeating the previous question would have allowed the House to consider an amendment dealing with the appropriations earmark process. I support reforming that process and think that the House should at least debate changes to it, although I reserve judgment on whether I would have supported the specific language of the amendment since it was not debated.

On rollcall 158, passage of H.R. 5501, Tom Lantos and Henry J. Hyde United States Global Leadership Against HIV/AIDS, Tuberculosis, and Malaria Reauthorization Act of 2008, I would have voted "yes."

On rollcall 162, passage of H.R. 2464, The Wakefield Act—I would have voted "yes."

On rollcall 163, passage of S. 793, Reauthorization of the Traumatic Brain Injury Act—I would have voted "yes."

On rollcall 182, on the Flake amendment to H.R. 2537, to bar use of funds provided under that bill for Congressional earmarks, I would have voted "yes."

On rollcall 183, to suspend the rules and pass H. Res. 886, Expressing sympathy to the victims and families of the tragic acts of violence in Colorado Springs, Colorado and Arvada, Colorado, as a cosponsor of the resolution I would have voted "yes."

As the resolution reminds us all, on Sunday, December 9, 2007, a troubled individual was responsible for killing several innocent people and injuring others at, first, the Youth With a Mission facility in Arvada and, a few hours later, at the New Life Church in the Colorado Springs area—where he was fatally shot by Jeanne Assam, a volunteer private security guard.

The resolution rightly commends Ms. Assam and the quick response of local first responders in the city of Arvada and in Jefferson County as well as those in El Paso County and Colorado Springs who, assisted by Federal authorities and medical professionals limited the danger to the church and local community. And it offers the heartfelt condolences of the House of Representatives to the victims and families of these tragic acts of violence in Colorado and conveys our gratitude to Jeanne Assam, city and county officials, as well as the police, fire, sheriff, Federal authorities, and